



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of:

Davis et al.

Application No.: 09/840,018

Filed: April 20, 2001

For: AUTHENTICATING METADATA AND  
EMBEDDING METADATA IN  
WATERMARKS OF MEDIA SIGNALS

Examiner: B. Choobin

Date: September 28, 2004

Art Unit: 2625

Conf. No. 3062

**CERTIFICATE OF MAILING**

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on September 28, 2004, as First Class Mail in an envelope addressed to: Mail Stop AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

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**INFORMATION DISCLOSURE STATEMENT**

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P.O. Box 1450  
Alexandria, VA 22313-1450

Applicants submit herewith information of which they are aware, and which they believe may be material to the examination of the application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. The information is listed on the attached Form PTO-1449. Copies of the cited unpublished patent applications, Foreign Patent Documents and non-patent references are enclosed.

This information disclosure statement is being filed after the mailing date of a First Office Action on the merits and before the first mailing date of Final Office Action (37 C.F.R. § 1.113), or Notice of Allowance (37 C.F.R. § 1.311).

The submission of information on the attached Form PTO-1449 is not intended as an admission that any such information constitutes prior art against the claims of the application under examination. Applicants do not waive any right to take any appropriate action to antedate or otherwise remove any information from the attached Form PTO-1449.

Please charge the fee of **\$180.00** under 37 C.F.R. § 1.17(p) and any additional fees or credit any overpayment in connection with the filing of this Information Disclosure Statement to Deposit Account No. 50-1071.

Respectfully submitted,

Date: September 28, 2004

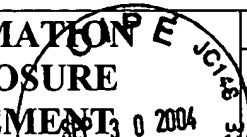
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<b>INFORMATION DISCLOSURE STATEMENT</b> 	Docket: P0363	Ser. No. 09/840,018
	Applicant: Davis et al.	
	Filed: April 20, 2001	Group: 2625

US Patent Documents				
Ex'r Initial	Number	Date	Inventor	Class
	5337362	8/9/94	Gormish et al.	
	5499294	3/12/96	Friedman	
	5617119	4/1/97	Briggs et al.	
	5646997	7/8/97	Barton	
	5857038	1/5/99	Owada et al.	
	5862217	1/19/99	Steinberg et al.	
	5862218	1/19/99	Steinberg et al.	
	5943093	8/24/99	Anderson et al.	
	6005613	12/21/99	Endsley et al.	
	6005936	12/21/99	Shimizu et al.	
	6005972	12/21/99	Fredlund et al.	
	6006039	12/21/99	Steinberg et al.	
	6122403	9/19/00	Rhoads	
	6167395	12/26/00	Beck et al.	
	6177956	1/23/01	Anderson et al.	
	6233347	5/15/01	Chen et al.	
	6243480	6/5/01	Zhao et al.	
	6304345	10/16/01	Patton et al.	
	6487301	11/26/02	Zhao	
	6496933	12/17/02	Nunally	
	6499105	12/24/02	Yoshiura et al.	
	6504941	1/7/03	Wong	
	20010026618	10/4/01	Van Wie et al.	
	20010049788	12/6/01	Shur	
	20010001395	1/3/02	Davis et al.	
	20020051577	5/2/02	Kinjo	
	20020072935	6/13/02	Rowse et al.	
	20020082922	6/27/02	Van Zoest et al.	
	20030011684	1/2003	Narayanswami et al.	
	60/198,857	4/21/00	Davis et al.	
	09/482,786	1/13/00	Davis et al.	
	09/507,096	2/17/00	Davis et al.	

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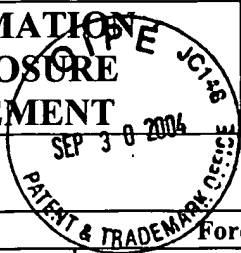
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Foreign Patent Documents				
Ex'r Initial	Number	Date	Country	Class
	EP952728	10/27/99	EPO	
	EP1001604	5/17/00	EPO	
	WO9626494	8/29/96	PCT	
	WO9817052	4/23/98	PCT	
	WO9817059	4/23/98	PCT	
	WO9818258	4/30/98	PCT	
	WO9914936	3/25/99	PCT	
	WO0033282	6/8/00	PCT	
	WO00/36605	6/22/00	PCT	
	WO00/39953	7/6/00	PCT	
	WO0039954	7/6/00	PCT	

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Other References	
Ex'r Initial	Cite
	Bassali et al., "Compression Tolerant Watermarking for Image Verification," IEEE Proc. Int. Conf. on Image Processing, vol. 1, Sep. 2000 pp. 434-437.
	Epson Image Authentication System, Frequently Asked Questions, Oct. 5, 1999, 3 pages.
	Friedman, "The Trustworthy Digital Camera: Restoring Credibility to the Photographic Image," IEEE Transactions on Consumer Electronics, Vol. 39, No. 4, Nov. 1993, pp. 905-910
	Schneider et al., "A Robust Content Based Digital Sig Proc. Int. Conf. on Image Processing, September 16-19, 1996, Part Vol. 3, pp. 227-30.
	Toyokawa et al., "Secure Digital Photograph Handling with Watermarking Technique in Insurance Claim Process," Security and Watermarking of Multimedia Contents II, Proc. of SPIE, Vol. 3971 (2000), pp. 438-445,
	Walton, "Image Authentication for a Slippery New Age," Dr. Dobb's Journal, April 1995, pp. 18-26, 82-87.
	Zhao, "A WWW Service to Embed and Prove Digital Copyright Watermarks," In Proc. of the European Conf. on Multimedia Applications, Services and Techniques, Louvain-La-Neuve, Belgium, May 1996, 14 pages.
	"The Power of Metadata is Propelling Digital Imaging Beyond the Limitations of Conventional Photography," The Digital Imaging Group's DIG35 Initiative, August 1999, 7 pages.
	Wingfield, "FlashPoint Helps Beam Photos Onto the Web," Wall Street Journal, December 23, 1999, 1 page.
	Okon, "Keeping Up Multimedia Asset Value," Advanced Imaging, July 1997, pages 42-43.
	"Coding of Still Pictures," ISO/IEC/JTC 1/SC 29/WG 1 (ITU-T SG8), Digital Imaging Group, 9 pages
	"The Platform for the Future of Digital Imaging," Digital Technical Overview, Flashpoint Technology, Inc, downloaded January 1, 2000, 5 pages.

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